Application No. 10/554,274

Amendment dated October 5, 2009

Office Action of June 4, 2009

## Amendments to the Claims:

Kindly replace the previous claim set with the claim set which appears below, in which Claims 18 and 20-25 have been cancelled, Claim 26 has been added and Claims 1 and 3 have been amended to read as follows:

- 1. (Currently Amended) A lead free soldering material consisting essentially of Sn (tin), 10 wt.% or less Ag (silver), 10 wt.% or less Bi (bismuth), 1 to 3 wt.% Sb (antimony), 0.5 to 3 wt.% or less Cu (copper), and 1.0 wt.% or less Ni (nickel) wherein the Sb:Bi wt.% ratio is from 1:1.5 3.
- 2. (Cancelled)
- 3. (Currently Amended) A lead free soldering Soldering material according to Claim 1 consisting essentially of 2 to 5 10 wt.% Ag, 1 to 3 wt.% Sb, 0.5 to 1.5 3 wt.% Cu and 0.05 to 0.3 wt.% Ni+, wherein the Sb:Bi wt.% ratio is from 1:1.5-3.
- 4-6. (Cancelled)
- 7. (Previously Presented) Soldering material according to Claim 1 wherein there exists a ratio Sb:Bi of 1:1.5 to 3, based on the weight of Sb and Bi.
- 8. (Previously Presented) Soldering material according to Claim 7 having a Ni content of 0.05 to 0.2 wt.%.

Application No. 10/554,274

Amendment dated October 5, 2009

Office Action of June 4, 2009

- 9. (Previously Presented) Soldering material according to Claim 1 wherein the soldering material is SnAg3.3-4.7Cu0.3-1.7Bi2Sb1Ni0.2.
- 10-14. (Cancelled)
- 15. (Previously Presented) Soldering material according to Claim 3 wherein there exists a ratio Sb:Bi of 1:1.5 to 3, based on the weight of Sb and Bi.
- 16-18. (Cancelled)
- 19. (Previously Presented) A solder joint formed from the lead free soldering material of Claim 1.
- 20-25. (Cancelled)
- 26. (New) A lead free soldering material consisting essentially of 2 to 10 wt.% Ag, 1 to 3 wt.% Bi, 1 to 3 wt.% Sb, 0.5 to 3 wt.% Cu and 0.05 to 0.3 wt.% Ni.